

# SEQUENCE LISTING

<110> Allen, Keith D.

<120> TRANSGENIC MICE CONTAINING RTPPB  
TYROSINE PHOSPHATASE GENE DISRUPTIONS

<130> R-741

<150> US 60/251,897

<151> 2000-12-06

<150> US 60/302,260

<151> 2001-06-28

<160> 3

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1752

<212> DNA

<213> Mus musculus

<400> 1

```
gtcaaggaag aggtacctgg tgtccatcaa ggtgcagctg gccggcatga ccagtgaggt 60
gggtgaagat agcaccatca ccatgataga ccgcccgctc caaccgcctc cacacatccg 120
tgtgaatgaa aaggatgtgc taatcagcaa atcttccatc aactttactg tcaactgcag 180
ctgggttcagc gacaccaacg gagcggttgg gtactttgct gtgggttgga gagaggccga 240
cagcatggat gagttgaagc cagaacagca gcaccctctc ccttcctacc tggagtacag 300
acacacagcc tcacatccag tctaccagac caattatttt gccagcaaat gtgctgaaag 360
tcccgcagca agttctaaaa gtttcaaat taagcttggg gcagagatgg acagcctcgg 420
tggcaaatgt gatccagtc agcagaaatt ctgtgatgga ccgctgttgc cacacaccgc 480
ctacagaatc agcatccggg cttttacaca gctatttgac gaggacttga aagagttcac 540
caaaacctct tactcggata cgttcttctc tatgcccatc accacagagt cagagccctt 600
gtttggagtt attgaaggtg tgagtgtctg cctgtttcta attggcatgc tgggtggcct 660
tgttgccttc tcatctgca gacagaaagc tagccacagc agggaaaagg catctgcccg 720
gtccagcatt cgtagggacc ggcctttgtc tgtccatctg aatctgggcc agaaaagcaa 780
ccgaaaaact tcttgcacca taaagatcaa tcagtttgaa gggcatttca tgaagctgca 840
ggcagactcc aactaccttc tatccaagga atatgaggac ttaaaagagc tgggtagaag 900
ccagtcattg cacattgcgc tcttgccctg gaatcgaggg aaaaatcgat acaacaacat 960
attgctctat gatgcctcaa gagtgaagct ctccaatgtc gatgaagacc cttgctctga 1020
ctacatcaac gccagctaca tcccgcgtaa caacttcaga cgagaataca tcggcactga 1080
gggaccgcgt ccaggcacca aggatgactt ctggaagatg gcgtggggagc agaacgttca 1140
caacatcgct atggtgaccc agtgtgttga aaagggccga gtgaagtgtg acctactgt 1200
gccagcagca caggaccccc tctactacgg tgatctcatc ctacagatgg tctcggagtc 1260
cgtgtctccc gagtggacca tcaggggatt taagatatgc agtgaagaac agttggatgc 1320
acacagactc attcgtcact ttactacac agctgtggcca gacctggggg tcccagagac 1380
caccagctct ctgattcaat ttgtgaggac agtcagggac tacatcaaca gaagccccgg 1440
ggctggggccc tccgtagtgc actgcagcgc tgggtgtggg agaacaggga cgttcgttgc 1500
cctggaccgg atcctccagc agttggactc taaggactcc gtggacattt atgggggagt 1560
gcatacgcta agactccaca ggtttcacat ggtccagacc agtgttcaat atgtgtatct 1620
gcatacagtg gtaagagagc tctcagagca aagaaactgc ggaacagagc aagagaaagg 1680
gggtgtttcg atttatgaga atgtgaatca gagtatcaca gagatgcaat ctactcgaga 1740
cattaagaat tc 1752
```

<210> 2

<211> 200

<212> DNA

<213> Artificial Sequence

<220>

<223> Targeting Vector

<400> 2

```
gccgccccca gaactccacg gccattgcct gctcttggat acctcctgac tccgactttg 60
atggctacag cattgagtgc cgaaaaatgg ataccaaga aatcgagttt tccagaaaagc 120
tggagaaaga aaaatccactg ctcaacatca tgatgttagt acctcataag aggtacctgg 180
tgtccatcaa ggtgcagtcg                                200
```

<210> 3

<211> 200

<212> DNA

<213> Artificial Sequence

<220>

<223> Targeting Vector

<400> 3

```
ggatgagttg aagccagaac agcagcaccc tctcccttcc tacetggagt acagacacaa 60
cgctccatc cgagtctacc agaccaatta ttttgccagc aaatgtgctg aaagtcccga 120
cagcagttct aaaagtcca acattaagct tggagcagag atggacagcc tcggtggcaa 180
atgtgatccc agtcagcaga                                200
```